In the specification:

Please note that the published application contains an error in paragraph [0003], which is the comma in the first line.

Please amend paragraph 18 as follows:

[0018] Both the input 12 of the hydrogen-oxygen gas and the input 14 of the hydrocarbon are delivered to a mixing device 20 upstream of the combustion device 4. As more particularly shown in Figure 2, the mixing device 20 comprises an input port 22 for receiving a hydrocarbon from input line 14 and an input port 24 for receiving the hydrogen gas or hydrogen-oxygen gas from input 10. The exact nature of the mixing device will depend on the nature of the hydrocarbon to be burned. For example, if the fuel is a gas, it is contemplated that porous metal or metal ribbons 26 would be used to induce turbulence or mixing of the hydrocarbon and the hydrogen-oxygen gas. As seen in Figure 2, the metal ribbon 26 is twisted or bent so as to at least partly fill the interior of the device 20. The invention further contemplates the use of other components within the mixing device to achieve an appropriate blend of the hydrocarbon and the hydrogen oxygen gas.

Please add the following new paragraph after paragraph 18:

Input lines 10 and 14 approach the mixing device 20 at right angles to each other, entering the chamber upstream of the ribbon 26. The chamber 20 may comprise an elongate chamber wherein the hydrocarbon input 14 is aligned with the elongate axis and the hydrogen or hydrogen/oxygen input 10 is perpendicular thereto.